

A B S T R A C T

A METHOD OF MANUFACTURING A STRIP OF ELECTRIC CONTACT
SPRINGS, AND A STRIP OF ELECTRIC CONTACT SPRINGS

ALSTOM

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Invention of Markus KAISER

Peter WAGNER

The method consists in using a strip of a
plastically deformable material which is capable of
acquiring elastic spring properties after treatment. The
10 central portion of the strip is coated in a layer of
electrically conductive material and then the strip is
punched so as to obtain springs which are interconnected
at their ends by two continuous side strips. Thereafter,
the springs are displaced from the plane of the strip
15 being twisted about their respective longitudinal axes,
and one edge of each spring is folded down as a hem in
the direction which ensures that the layer of conductive
material remains on the outside of the fold. Thereafter,
the strip is subjected to hardening treatment to confer
20 elastic properties thereto.